

**Notice of Allowability**

Application No.

10/029,986

Applicant(s)

LEE, JONG-HWAN

Examiner

Nitin Patel

Art Unit

2629

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/19/2006.
2. ☒ The allowed claim(s) is/are 1-3, 5-11, 15, 17 Now renumbered 1-12 respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

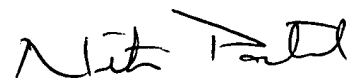
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



### **REASON FOR ALLOWANCE**

1. Claims 1-3,5-11,15,17 have been allowed. Claims 4,12-14,16 have been cancelled.

2. The following is an examiner's statement of reason for allowance:

The prior art fails to teach or suggest a wearable display apparatus worn near left and right eyes of a user and to display images to be recognized through the left and right eyes, comprising: a main control unit outputting view display position adjustment information corresponding to inputted interpupillary distance setting information indicative of an interpupillary distance between the left and right eyes; and display units respectively display-processing image information inputted to an area within a display region corresponding to the view display position adjustment information, the display region being smaller than an entire view display area of the display units, wherein the display units comprise: a first display unit having a first display device mounted on a main body to display an image to the left eye of the user, and a second display unit having a second display device mounted on the main body to display an image to the right eye of the user, said first and second display device each comprising: a matrix display unit displaying pixel information by selective driving of row electrodes and column electrodes, the row electrodes being arranged along a horizontal direction, and the column electrodes being arranged along a direction crossed at an angle with respect to the horizontal direction; and a display control unit selectively driving the row electrodes and the column electrodes to display the image at a view display position corresponding to the view display position adjustment information as claimed in claim 1.

The prior art fails to teach or suggest an apparatus comprising: display units display-processing image information inputted to an area corresponding to a view display position adjustment information of a main control unit to view on the display units, wherein each display unit comprises: a matrix display unit pixel information by selective driving row electrodes and column electrodes, the row electrodes being arranged along a horizontal direction, and the column electrodes being arranged along a direction crossed at an angle with respect to the horizontal direction, a display control unit selectively driving the row electrodes and the column electrodes to display the image at a view display position corresponding to the view display position adjustment information and the main control unit adjusts an image display position based on the view display position adjustment wherein the view display position adjustment information corresponds to inputted interpupillary distance setting information indicative of an interpupillary distance between left and right eyes of a user as claimed in claim 15.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 571-272-7677. The examiner can normally be reached on 8:00-5:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H. Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nitin Patel  
Examiner  
Art Unit 2629

